



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

XVI. *An Observation of an Eclipse of the Moon, Dec. 12. 1749. made at Earith, near St. Ives, in Huntingdonshire, by Mr. Wm. Elstobb, jun. communicated in a Letter to Martin Folkes, Esq; Pr. R. S.*

Read Dec. 21.
1749.

AT 7 at Night the Umbra came on the lower Limb of the Moon, almost directly under the Spot called *Tycho*, in *Keil's* Map of the Moon.

At 2 Min. $\frac{3}{4}$ after 7, the Penumbra overspread *Tycho*.

At 6 Min. after 7, the Umbra approached the lower Part of *Mare Humorum*, and *Tycho* immersed into the Umbra.

At 21 Min. after 7, *Mare Humorum* totally immersed into the Umbra.

At 41 Min. after 7, the lower Part of *Mare Nectaris* immersed into the Umbra.

At 57 Min. after 7, the North-East Limb began to evolve itself; and that Part of the Limb below the Spot called *Grimaldus*, began to appear brighter, than when the Penumbra covered it.

At 9 Min. after 8, the upper Part of *Mare Humorum* emerged from the Umbra.

At 21 Min. after 8, *Mare Humorum* totally emerged.

At 45 Min. $\frac{1}{2}$ after 8, *Tycho* emerged from the Umbra.

At 51 Min. $\frac{1}{4}$ after 8, the Penumbra left *Tycho*.

At

At 54 Min. $\frac{1}{2}$ after 8, *Mare Nectaris* emerged from the Umbra.

At 9, the Penumbra left *Mare Nectaris*.

At 4 Min. $\frac{3}{4}$ after 9, *Mare Fecunditatis* emerged from the Umbra.

At 16 Min. after 9, the Umbra left the Moon a little below *Mare Fecunditatis*.

At 18 Min. after 9, the Penumbra went off, and the Eclipse ended.

At the Time of the greatest Obscuration, the Edge of the Umbra passed below *Grimaldus*; approached the lower Part of *Peninsula Fulgurum*; passed over the upper Part of *Mare Nectaris*, and crossed about the Middle of *Mare Fecunditatis*. The Edge of the Umbra did not seem to make one regular Curve, but looked like two Curves, meeting in a very obtuse Angle near *Peninsula Fulgurum*. And that Part of the Moon, immersed in the Umbra, was not visible.